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OM nucleic - nucleic search, using SW model

Run on: March 15, 2003, 15:05:45 ; Search time 16.1179 seconds
(without alignments)
10973.529 Million cell updates/sec

Title: US-08-978-217-6

Perfect score: 252

Sequence: 1 AATTGTGCGCTTGAGGAGCT.....CCGCGAGCTGTGCGCAGGA 252

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapept 1.0

Searched: 501302 seqs, 350932545 residues 1002604

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 0%

Listing first 45 summaries

Database : Published Applications NA:*

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13: /cgn2_6/ptodata/2/pubpna/US60_NEM_PUB.seq:*
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
C 1	252	100.0	563	9	US-10-025-380-944
C 2	252	100.0	563	9	US-09-922-217-944
C 3	252	100.0	563	9	US-09-833-263-944
C 4	252	100.0	626	9	US-10-025-380-853
C 5	252	100.0	626	10	US-09-922-217-853
C 6	252	100.0	626	10	US-09-833-263-853
C 7	252	100.0	1915	10	US-09-964-824A-101
C 8	252	100.0	1915	10	US-09-964-824A-563
C 9	252	100.0	1915	10	US-09-880-107-3420
C 10	252	100.0	1915	10	US-09-967-768A-192
C 11	252	100.0	1917	9	US-10-025-380-1105
C 12	252	100.0	1917	10	US-09-922-217-1105
C 13	252	100.0	1996	10	US-09-925-301-207
C 14	249	98.8	355	10	US-09-867-701-4818
C 15	174	69.0	174	10	US-09-998-598-1740
C 16	63	25.0	437	10	US-09-998-598-2216
C 17	38.8	15.4	5173	10	US-09-880-107-3356
C 18	35.8	14.2	275	10	US-09-923-876-4804
C 19	35.2	14.0	13500	9	US-09-954-531-145

C 20	35.2	14.0	13500	9	US-09-954-531-363	Sequence 363, App
C 21	35.2	14.0	13500	10	US-09-962-436-269	Sequence 269, App
C 22	35.2	14.0	13500	10	US-09-954-456-55	Sequence 55, App
C 23	35.2	14.0	13500	10	US-09-954-456-1132	Sequence 1132, Ap
C 24	35.2	14.0	13500	10	US-09-954-456-1801	Sequence 1801, Ap
C 25	35.2	14.0	13500	10	US-09-880-107-2265	Sequence 2265, Ap
C 26	35	13.9	2161	10	US-09-810-808-4	Sequence 4, App11
C 27	35	13.9	19616	10	US-09-764-877-3220	Sequence 3220, Ap
C 28	33.8	13.4	25603	9	US-09-819-607-3	Sequence 3, App11
C 29	33.6	13.3	687	10	US-09-780-717-30	Sequence 30, App1
C 30	33.6	13.3	1214	10	US-09-780-717-28	Sequence 28, App1
C 31	33.4	13.3	4970	10	US-09-816-095-1	Sequence 1, App1
C 32	33	13.1	1041	10	US-09-815-242-7885	Sequence 7885, Ap
C 33	33	13.1	10797	10	US-09-764-847-1577	Sequence 1577, Ap
C 34	32.8	13.0	1680	10	US-09-815-242-7988	Sequence 7988, Ap
C 35	32.6	12.9	332	9	US-09-796-692-9300	Sequence 9300, Ap
C 36	32.6	12.9	501	10	US-09-884-441-149	Sequence 149, App
C 37	32.6	12.9	1290	10	US-09-815-242-7834	Sequence 7834, Ap
C 38	32.6	12.9	2740	10	US-09-954-456-77	Sequence 77, App1
C 39	32.6	12.9	2740	10	US-09-954-456-710	Sequence 710, App
C 40	32.6	12.9	2740	10	US-09-954-456-1158	Sequence 1158, App
C 41	32.6	12.9	2740	10	US-09-960-253-174	Sequence 174, App
C 42	32.6	12.9	2740	10	US-09-960-253-179	Sequence 179, App
C 43	32.6	12.9	2741	10	US-09-925-300-134	Sequence 134, App
C 44	32.4	12.9	3540	10	US-09-935-291A-3	Sequence 3, App1
C 45	32.4	12.9	4055	10	US-09-935-291A-1	Sequence 1, App11

ALIGNMENTS

RESULT 1
US-10-025-380-944/C
Sequence 944, Application US/10025380
Publication No. US20020182191A1
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Lodes, Michael J.
APPLICANT: Secret, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tongtong
APPLICANT: Jiang, Yudi
APPLICANT: Smith, Carole L.
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Skeiky, Yasir A. W.
APPLICANT: Fanger, Gary R.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Carter, Darick
TITLE OF INVENTION: OF COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
FILE REFERENCE: 210121.471C14
CURRENT APPLICATION NUMBER: US/10/025.380
CURRENT FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 1129
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapiens
US-10-025-380-944

Query Match 100.0%; Score 252; DB 9; Length 563;
Best Local Similarity 100.0%; Pred. No. 8.2e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AATTGTGCGCTTGAGGAGCTGCTGTGGGCTCTGGGAGCAACCTCAGCC 60
Db 472 AATTGTGCGCTTGAGGAGCTGCTGTGGGCTCTGGGAGCAACCTCAGCC 413

QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 120
DB 412 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 353
QY 121 GAGAAGATGGCATGGCTCTTCAGAGAGCCCTAGACCAGGGCCCTTTACCAAGGGGACG 180
DB 352 GAGAAGATGGCATGGCTCTTCAGAGAGCCCTAGACCAGGGCCCTTTACCAAGGGGACG 293
QY 181 CCCTTTGCCAGAGCTGCTGAGCAGCGTCAAGCAAGCAGCCCTTACCAAGGGGACG 240
DB 292 CCCTTTGCCAGAGCTGCTGAGCAGCGTCAAGCAAGCAGCCCTTACCAAGGGGACG 233
QY 241 TGTGGCGCAGGA 252
DB 232 TGTGGCGCAGGA 221

RESULT 2
US-09-922-217-944/c
Sequence 944, Application US/09922217
Patent No. US2002076414A1
GENERAL INFORMATION:

APPLICANT: Xu, Jianshun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tonglong
APPLICANT: Jiang, Yugu
APPLICANT: Smith, Carole Lynn
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C13
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-944

Query Match 100.0%; Score 252; DB 10; Length 563;
Best Local Similarity 100.0%; Pred. No. 8.2e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAGAGAGCGGTGCTGCTTTGGGCTCTGGGGAGCAACTCCATGCG 60
DB 472 AATTGTCCTTGAGAGAGCGGTGCTGCTTTGGGCTCTGGGGAGCAACTCCATGCG 413
QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 120
DB 412 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 353
QY 121 GAGAAGATGGCATGGCTCTTCAGAGAGCCCTAGACCAGGGCCCTTTGACCAAGGGGACG 180
DB 352 GAGAAGATGGCATGGCTCTTCAGAGAGCCCTAGACCAGGGCCCTTTGACCAAGGGGACG 293
QY 181 CCCTTTGCCAGAGCTGCTGAGCAGCGTCAAGCAAGCAGCCCTTACCAAGGGGACG 240
DB 292 CCCTTTGCCAGAGCTGCTGAGCAGCGTCAAGCAAGCAGCCCTTACCAAGGGGACG 233
QY 241 TGTGGCGCAGGA 252
DB 232 TGTGGCGCAGGA 221

RESULT 3

US-09-833-263-944/c
Sequence 944, Application US/09833263
Patent No. US20020110547A1
GENERAL INFORMATION:
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Stolk, John A.
APPLICANT: Meagher, Madeleine J.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C12
CURRENT FILING DATE: 2001-04-10
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapiens
US-09-833-263-944

Query Match 100.0%; Score 252; DB 10; Length 563;
Best Local Similarity 100.0%; Pred. No. 8.2e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAGAGAGCGGTGCTGCTTTGGGCTCTGGGGAGCAACTCCATGCG 60
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QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 120
DB 412 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 353
QY 121 GAGAAGATGGCATGGCTCTTCAGAGAGCCCTAGACCAGGGCCCTTTGACCAAGGGGACG 180
DB 352 GAGAAGATGGCATGGCTCTTCAGAGAGCCCTAGACCAGGGCCCTTTGACCAAGGGGACG 293
QY 181 CCCTTTGCCAGAGCTGCTGAGCAGCGTCAAGCAAGCAGCCCTTACCAAGGGGACG 240
DB 292 CCCTTTGCCAGAGCTGCTGAGCAGCGTCAAGCAAGCAGCCCTTACCAAGGGGACG 233
QY 241 TGTGGCGCAGGA 252
DB 232 TGTGGCGCAGGA 221

RESULT 4

US-10-025-380-853/c
Sequence 853, Application US/10025380
Publication No. US20020182191A1
GENERAL INFORMATION:

APPLICANT: Xu, Jianshun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tonglong
APPLICANT: Jiang, Yugu
APPLICANT: Smith, Carole L.
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Skelky, Yasir A. W.
APPLICANT: Fanger, Gary R.
APPLICANT: Vedvick Thomas S.
APPLICANT: Carter, Darick
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C14
CURRENT FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 1129

SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-025-380-853

Query Match 100.0%; Score 252; DB 9; Length 626;
Best Local Similarity 100.0%; Pred. No. 8.4e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 60
DB 471 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 412
QY 61 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATGAGCTGCTG 120
DB 411 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATGAGCTGCTG 352
QY 121 GAGAAGATGGCATGGCTTCCAGAGGCTCTAGACCAGGAGCCCTTTGACAGGGCAGC 180
DB 351 GAGAAGATGGCATGGCTTCCAGAGGCTCTAGACCAGGAGCCCTTTGACAGGGCAGC 292
QY 181 CCTTTGGCCAGAGCTGCTGAGAGCGCTCAGCAAGCCAGCCCTTACACCCGGCAGC 240
DB 291 CCTTTGGCCAGAGCTGCTGAGAGCGCTCAGCAAGCCAGCCCTTACACCCGGCAGC 232
QY 241 TGTGGCGCAGGA 252
DB 231 TGTGGCGCAGGA 220

RESULT 5

US-09-922-217-853/c
; Sequence 853, Application US/09922217
; Patent No. US20020076414A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeline Joy
; APPLICANT: Stolck, John A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole Lynn
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.471C13
; CURRENT APPLICATION NUMBER: US/09/922.217
; NUMBER OF SEQ ID NOS: 1124
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-217-853

Query Match 100.0%; Score 252; DB 10; Length 626;
Best Local Similarity 100.0%; Pred. No. 8.4e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 60
DB 471 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 412
QY 61 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATGAGCTGCTG 120
DB 411 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATGAGCTGCTG 352

QY 121 GAGAAGATGGCATGGCTTCCAGAGGCTCTAGACCAGGAGCCCTTTGACAGGGCAGC 180
DB 351 GAGAAGATGGCATGGCTTCCAGAGGCTCTAGACCAGGAGCCCTTTGACAGGGCAGC 292
QY 181 CCTTTGGCCAGAGCTGCTGAGAGCGCTCAGCAAGCCAGCCCTTACACCCGGCAGC 240
DB 291 CCTTTGGCCAGAGCTGCTGAGAGCGCTCAGCAAGCCAGCCCTTACACCCGGCAGC 232
QY 241 TGTGGCGCAGGA 252
DB 231 TGTGGCGCAGGA 220

RESULT 6

US-09-833-263-853/c
; Sequence 853, Application US/09833263
; Patent No. US2002010547A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; APPLICANT: Stolck, John A.
; APPLICANT: Meagher, Madeline J.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.471C12
; CURRENT APPLICATION NUMBER: US/09/833.263
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-833-263-853

Query Match 100.0%; Score 252; DB 10; Length 626;
Best Local Similarity 100.0%; Pred. No. 8.4e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 60
DB 471 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 412
QY 61 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATGAGCTGCTG 120
DB 411 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATGAGCTGCTG 352
QY 121 GAGAAGATGGCATGGCTTCCAGAGGCTCTAGACCAGGAGCCCTTTGACAGGGCAGC 180
DB 351 GAGAAGATGGCATGGCTTCCAGAGGCTCTAGACCAGGAGCCCTTTGACAGGGCAGC 292
QY 181 CCTTTGGCCAGAGCTGCTGAGAGCGCTCAGCAAGCCAGCCCTTACACCCGGCAGC 240
DB 291 CCTTTGGCCAGAGCTGCTGAGAGCGCTCAGCAAGCCAGCCCTTACACCCGGCAGC 232
QY 241 TGTGGCGCAGGA 252
DB 231 TGTGGCGCAGGA 220

RESULT 7

US-09-964-824A-101
; Sequence 101, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 589290-73
; CURRENT APPLICATION NUMBER: US/09/964.824A
; NUMBER OF SEQ ID NOS: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236.033

;; PRIOR FILING DATE: 2000-09-28
;; PRIOR APPLICATION NUMBER: US/60/236, 032
;; PRIOR FILING DATE: 2000-09-28
;; PRIOR APPLICATION NUMBER: US/60/236, 028
;; PRIOR FILING DATE: 2000-09-28
;; NUMBER OF SEQ ID NOS: 583
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 101
;; LENGTH: 1915
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-964-824A-101

Query Match 100.0%; Score 252; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAGAGAGCTGCTGTGCTTTGGGCTCTTGAGGAGCAACTCCATGCC 60
DB 429 AATTGTCCTTGAGAGAGCTGCTGTGCTTTGGGCTCTTGAGGAGCAACTCCATGCC 488
QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTGATGATGATGATGATGATGATGATGATG 120
DB 489 CAGCTGCGAGACCTCACTTCCAGCTCTTGATGATGATGATGATGATGATGATGATG 548
QY 121 GAGAAGATGAGATGAGCTCTTCCAGAGAGGCTTACAGCCAGGCTTTGACCAAGGAGC 180
DB 549 GAGAAGATGAGATGAGCTCTTCCAGAGAGGCTTACAGCCAGGCTTTGACCAAGGAGC 608
QY 181 CCCTTTGCCAGAGAGCTGCTGAGAGAGCTGAGCAAGCAAGCAAGCAAGCAAGCAAG 240
DB 609 CCCTTTGCCAGAGAGCTGCTGAGAGAGCTGAGCAAGCAAGCAAGCAAGCAAGCAAG 668
QY 241 TGTGGCGCAGGA 252
DB 669 TGTGGCGCAGGA 680

RESULT 8

US-09-964-824A-563
; Sequence 563, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964, 824A
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236, 033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236, 032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236, 028
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 563
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-824A-563

Query Match 100.0%; Score 252; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAGAGAGCTGCTGTGCTTTGGGCTCTTGAGGAGCAACTCCATGCC 60
DB 429 AATTGTCCTTGAGAGAGCTGCTGTGCTTTGGGCTCTTGAGGAGCAACTCCATGCC 488
QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTGATGATGATGATGATGATGATGATGATG 120
DB 669 TGTGGCGCAGGA 680

DB 489 CAGCTGCGAGACCTCACTTCCAGCTCTTGATGATGATGATGATGATGATGATGATG 548
QY 121 GAGAAGATGAGATGAGCTCTTCCAGAGAGGCTTACAGCCAGGCTTTGACCAAGGAGC 180
DB 549 GAGAAGATGAGATGAGCTCTTCCAGAGAGGCTTACAGCCAGGCTTTGACCAAGGAGC 608
QY 181 CCCTTTGCCAGAGAGCTGCTGAGAGAGCTGAGCAAGCAAGCAAGCAAGCAAGCAAG 240
DB 609 CCCTTTGCCAGAGAGCTGCTGAGAGAGCTGAGCAAGCAAGCAAGCAAGCAAGCAAG 668
QY 241 TGTGGCGCAGGA 252
DB 669 TGTGGCGCAGGA 680

RESULT 9

US-09-880-107-3420
; Sequence 3420, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-MO
; CURRENT APPLICATION NUMBER: US/09/880, 107
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211, 379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237, 054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3420
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 U73843
US-09-880-107-3420

Query Match 100.0%; Score 252; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAGAGAGCTGCTGTGCTTTGGGCTCTTGAGGAGCAACTCCATGCC 60
DB 429 AATTGTCCTTGAGAGAGCTGCTGTGCTTTGGGCTCTTGAGGAGCAACTCCATGCC 488
QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTGATGATGATGATGATGATGATGATGATG 120
DB 489 CAGCTGCGAGACCTCACTTCCAGCTCTTGATGATGATGATGATGATGATGATGATG 548
QY 121 GAGAAGATGAGATGAGCTCTTCCAGAGAGGCTTACAGCCAGGCTTTGACCAAGGAGC 180
DB 549 GAGAAGATGAGATGAGCTCTTCCAGAGAGGCTTACAGCCAGGCTTTGACCAAGGAGC 608
QY 181 CCCTTTGCCAGAGAGCTGCTGAGAGAGCTGAGCAAGCAAGCAAGCAAGCAAGCAAG 240
DB 609 CCCTTTGCCAGAGAGCTGCTGAGAGAGCTGAGCAAGCAAGCAAGCAAGCAAGCAAG 668
QY 241 TGTGGCGCAGGA 252
DB 669 TGTGGCGCAGGA 680

RESULT 10

US-09-967-768A-192
; Sequence 192, Application US/09967768A
; Patent No. US20020150877A1
; GENERAL INFORMATION:
; APPLICANT: Augustus, Meena

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; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: Set6
; FILE REFERENCE: 689290-72
; CURRENT APPLICATION NUMBER: US/09/967,768A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/60/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,034
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,111
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 192
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-967-768A-192

Query Match          100.0%; Score 252; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 60
DB 429 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 488
QY 61 CAGCTGGAGACCTCACTTCCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 120
DB 489 CAGCTGGAGACCTCACTTCCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 548
QY 121 GAGAAGATGATGAGCTGCTTCCAGAGGCTCTAGACCCAGGCTCTTGAACGAGGAGC 180
DB 549 GAGAAGATGATGAGCTGCTTCCAGAGGCTCTAGACCCAGGCTCTTGAACGAGGAGC 608
QY 181 CCTTTGCCAGAGAGCTGCTGAGAGCGCTGACGACGAGCCCTTACACCCCGGAGC 240
DB 609 CCTTTGCCAGAGAGCTGCTGAGAGCGCTGACGACGAGCCCTTACACCCCGGAGC 668
QY 241 TGTGGCCGACGGA 252
DB 669 TGTGGCCGACGGA 680

RESULT 11
; US-10-025-380-1105
; Sequence 1105, Application US/10025380
; Publication No. US20020182191A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeline Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole E.
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Panger, Gary R.
; APPLICANT: Vedvik Thomas S.
; APPLICANT: Carter, Darick
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C14
; CURRENT APPLICATION NUMBER: US/10/025,380
; CURRENT FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 1129
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1105
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; LENGTH: 1917
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-025-380-1105

Query Match          100.0%; Score 252; DB 9; Length 1917;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 60
DB 431 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 490
QY 61 CAGCTGGAGACCTCACTTCCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 120
DB 491 CAGCTGGAGACCTCACTTCCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 550
QY 121 GAGAAGATGATGAGCTGCTTCCAGAGGCTCTAGACCCAGGCTCTTGAACGAGGAGC 180
DB 551 GAGAAGATGATGAGCTGCTTCCAGAGGCTCTAGACCCAGGCTCTTGAACGAGGAGC 610
QY 181 CCTTTGCCAGAGAGCTGCTGAGAGCGTACGACGAGCCCTTACACCCCGGAGC 240
DB 611 CCTTTGCCAGAGAGCTGCTGAGAGCGTACGACGAGCCCTTACACCCCGGAGC 670
QY 241 TGTGGCCGACGGA 252
DB 671 TGTGGCCGACGGA 682

RESULT 12
; US-09-922-217-1105
; Sequence 1105, Application US/09922217
; Patent No. US20020076414A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeline Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole Lynn
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C13
; CURRENT APPLICATION NUMBER: US/09/922,217
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 1124
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1105
; LENGTH: 1917
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-922-217-1105

Query Match          100.0%; Score 252; DB 10; Length 1917;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 60
DB 431 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 490
QY 61 CAGCTGGAGACCTCACTTCCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 120
DB 491 CAGCTGGAGACCTCACTTCCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 550
QY 121 GAGAAGATGATGAGCTGCTTCCAGAGGCTCTAGACCCAGGCTCTTGAACGAGGAGC 180
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